This listing of claims replaces all prior versions, and listings of claims in the instant application:

Listing of Claims:

1. (Currently Amended) A method of a user interactively inserting a ~~data object~~ formula into a computer-generated document without using an equation editor by said user comprising:

receiving text interactively entered, by said user, into said computer-generated document;

receiving an interactively selected portion of said text that was highlighted by said user, said~~converting a~~ user selected text portion ~~in said computer generated document~~ including at least one text instruction symbol and at least one text character, which is not included in said text instruction symbol, ~~into a data object,~~ wherein said user selected text portion ~~comprises text representing~~ represents a formula; ~~and~~

converting said user-selected text into a data object representing said formula, ~~returning said data object for insertion in said computer generated document~~ wherein said data object comprises said formula and further wherein said at least one text character which is not included in said text instruction symbol remains unchanged during the converting; and

returning said data object insertion into said computer-generated document.

2. (Cancelled)

3. (Cancelled)

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4. (Currently Amended) The method of Claim 1 wherein the ~~data object~~ formula comprises a mathematical formula.

5. (Original) The method of Claim 1 wherein the data object comprises at least one Greek character.

6. (Cancelled)

7. (Previously Presented) The method of Claim 1 further comprising:

inserting the returned data object into the computer-generated document at a position of the user selected text portion.

8. (Original) The method of Claim 7 wherein content surrounding the data object has a format, and said method further comprises formatting the returned data object using said format.

9. (Original) The method of Claim 1 further comprising storing the data object with the computer-generated document.

10. (Original) The method of Claim 1 wherein the data object is reconvertible into the text portion representing the data object.

11. (Original) The method of Claim 1 wherein said method is downloaded.

12. (Original) The method of Claim 1 wherein said method is stored on a first computer system and said computer-generated document is stored on a second computer system.

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13. (Currently Amended) A computer program product for inserting a data object into a computer-generated document, the computer program product comprising program code for a method of a user interactively inserting a formula into a computer-generated document without using an equation editor by said user, said method comprising:

receiving text interactively entered, by said user, into said computer-generated document;

receiving an interactively selected portion of said text that was highlighted by said user, said~~converting a~~ user-selected text portion ~~in said computer-generated document~~ including at least one text instruction symbol and at least one text character, which is not included in said text instruction symbol, ~~into a data object,~~ wherein said user selected text portion ~~comprises text representing~~ represents a formula; ~~and~~

converting said user-selected text into a data object representing said formula, ~~returning said data object for insertion in said computer-generated document~~ wherein said data object comprises said formula and further wherein said at least one text character which is not included in said text instruction symbol remains unchanged during the converting; and

returning said data object insertion into said computer-generated document.

14. (Cancelled)

15. (Cancelled)

16. (Currently Amended) The computer program product of Claim 13 wherein the ~~data object~~ formula comprises a mathematical formula.

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17. (Original) The computer program product of Claim 13 wherein the data object comprises at least one Greek character.

18. (Cancelled)

19. (Previously Presented) The computer program product of Claim 13 further comprising computer code for:

inserting the returned data object into the computer-generated document at a position of the user selected text portion.

20. (Original) The computer program product of Claim 19 wherein content surrounding the data object has a format, and said computer program product further comprises formatting the returned data object using said format.

21. (Original) The computer program product of Claim 13 further comprising storing the data object with the computer-generated document.

22. (Original) The computer program product of Claim 13 wherein the data object is reconvertible into the text portion representing the data object.

23. (Cancelled)

24. (Cancelled)

25. (Currently Amended) A computer system comprising:

a processor; and

a memory, coupled to said processor, storing instructions for a method <u>of a user interactively inserting a formula into a computer-generated document without using an equation editor by said user</u>, where upon

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execution of said instructions on said processor, said method comprises:

receiving text interactively entered, by said user, into said computer-generated document;

receiving an interactively selected portion of said text that was highlightrd by said user, saidconverting a user selected text portion in said computer-generated document including at least one text instruction symbol and at least one text character, which is not included in said text instruction symbol, into a data object, wherein said user selected text portion comprises text representing represents a formula; and

converting said user-selected text into a data object representing said formula, returning said data object for insertion in said computer-generated document wherein said data object comprises said formula and further wherein said at least one text character which is not included in said text instruction symbol remains unchanged during the converting; and

returning said data object insertion into said computer-generated document.

26. (Original) The computer system of Claim 25 wherein said memory is coupled to said processor by a network.

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